

80mm

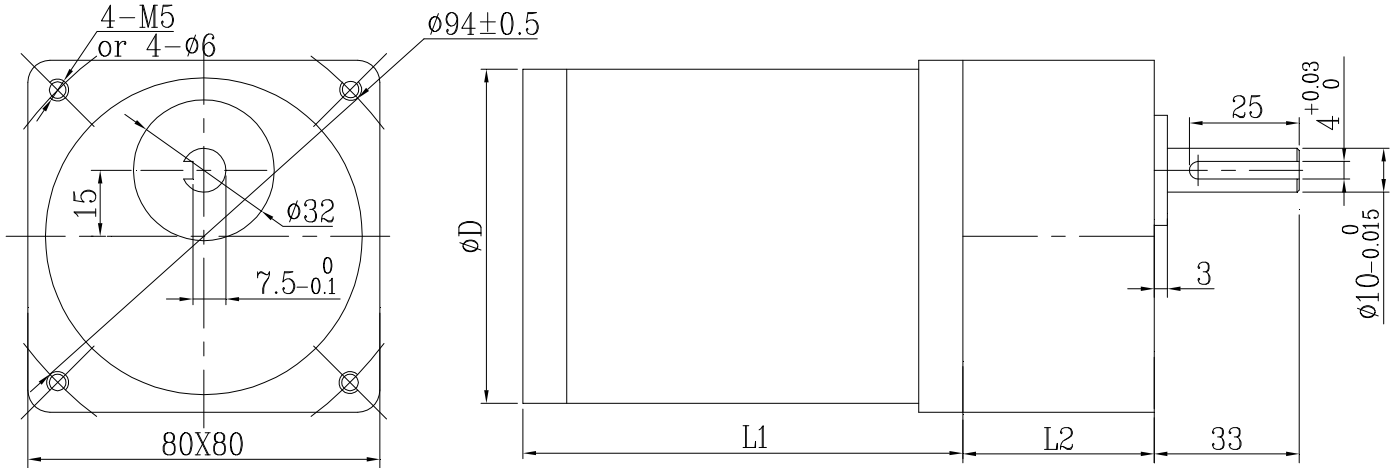
SPUR GEARHEAD (正齿轮箱) w/
76ZYT PM DC Motors (永磁直流流马达)



● GEARHEAD SPECIFICATIONS:

Gear Ratio	Stage	Eff.	Rated Load	Max. Load	Length
减速比	级数	效率	额定负载	最大负载	长度
1:X	#	%	Kg.cm	Kg.cm	mm
3~18	2	81	25	75	32
20~50	3	73	50	150	43.5
60~200	4	66	80	240	43.5

● Gearhead Dimensions:



● MOTOR SPECIFICATIONS:

Model	Rated	No-load			Rated				Motor Length
	Voltage	Current	Speed	Current	Speed	Torque		Power	
	VDC	A	r/min	A	r/min	N.m	kg.cm	W	
76ZYT100-12-32	12	1.4	3200	3.8	2800	0.085	0.87	25.0	100
76ZYT100-24-32	24	0.7	3200	1.9	2800	0.085	0.87	25.0	100
76ZYT125-12-30	12	2.5	3000	6.2	2600	0.147	1.5	40.0	125
76ZYT125-24-30	24	1.3	3000	3.1	2600	0.147	1.5	40.0	125

● GEARMOTOR SPECIFICATIONS: 80JB80KxxxG/ motor model

$Y(IN-LB) = 0.867313 * X(Kg.cm)$

Model	Gear Ratio	3	3.6	5	6	7.5	9	10	12	15	18	20	25	30	36	40	50	60	75	90	101	121	151	181	201	
		Efficiency	31%	31%	31%	31%	31%	31%	31%	31%	31%	31%	73%	73%	73%	73%	73%	73%	36%	36%	36%	36%	36%	36%	36%	36%
76ZYT 100-12-32	Speed	RPM	333	778	560	467	373	311	280	224	187	156	140	112	93	78	70	56	47	37	31	28	23	19	16	14
	Rated Load	N.m	1.2	1.2	1.3	1.4	1.5	1.6	1.6	1.8	1.0	1.2	1.25	1.56	1.87	2.24	2.49	3.11	1.3	1.2	5.1	5.6	6.8	7.8	7.8	7.8
		Kg.cm	1.1	1.5	1.5	1.2	1.2	1.3	1.0	1.8	0.1	1.2	12.7	15.9	19.1	22.9	25.4	31.8	14.1	13.1	11.1	17.4	18.1	80	80	80
76ZYT 100-24-32	Speed	RPM	333	778	560	467	373	311	280	224	187	156	140	112	93	78	70	56	47	37	31	28	23	19	16	14
	Rated Load	N.m	1.2	1.2	1.3	1.4	1.5	1.6	1.6	0.9	1.0	1.2	1.2	1.6	1.9	2.2	2.5	3.1	3.4	4.2	5.1	5.6	6.8	7.8	7.8	7.8
		Kg.cm	1.1	1.5	1.5	1.2	1.2	1.3	1.0	8.8	0.1	1.2	12.7	15.9	19.1	22.9	25.4	31.8	14.1	13.1	11.1	17.4	18.1	80	80	80
76ZYT 125-12-30	Speed	RPM	367	722	520	433	347	289	260	208	173	144	130	104	87	72	65	52	43	35	29	26	22	17	14	13
	Rated Load	N.m	1.3	1.4	1.6	1.7	1.8	1.1	1.2	1.5	1.8	2.1	2.1	2.7	3.2	3.9	4.3	5.4	5.8	7.3	7.8	7.8	7.8	7.8	7.8	7.8
		Kg.cm	3.6	4.4	6.1	7.3	9.1	0.1	2.1	5.1	8.1	11.1	21.9	27.4	32.9	39.4	43.8	54.8	19.4	14.1	80	80	80	80	80	80
76ZYT 125-24-30	Speed	RPM	367	722	520	433	347	289	260	208	173	144	130	104	87	72	65	52	43	35	29	26	22	17	14	13
	Rated Load	N.m	1.3	1.4	1.6	1.7	1.8	1.0	1.1	1.4	1.7	1.1	2.15	2.68	3.22	3.87	4.30	5.37	1.8	1.2	7.8	7.8	7.8	7.8	7.8	7.8
		Kg.cm	1.6	1.3	1.0	1.2	1.1	0.1	2.1	5.1	8.1	11.1	21.9	27.4	32.9	39.4	43.8	54.8	19.4	14.1	80	80	80	80	80	80